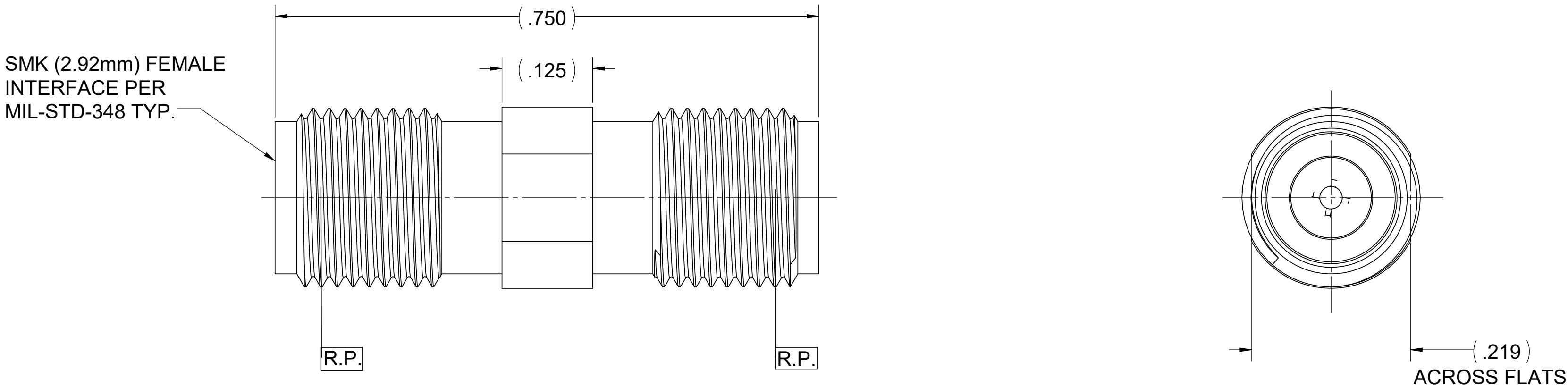


P/N		REVISION HISTORY				
		ECO	REV.	DESCRIPTION	DRAWN BY	DATE
20919		A	INITIAL RELEASE	DKN	01.24.08	
CC		206125	B	REDRAW IN SW	PAW	06.22.26



NOTE(S):
1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIROMENTAL(S):
BODY & INSERT: 303 SST PER ASTM A-582. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. BEAD: (HIGH PERFORMANCE APPLICATION)	IMPEDANCE: 50 OHMS NOM. FREQ. RANGE: DC TO 40 GHz VSWR: 1.10 + .005 xf(GHz) INSERTION LOSS: .08 x $\sqrt{f}$ GHz dB WORKING VOLTAGE: 500 Vrms @ SEA LEVEL INSULATION RESISTANCE: 5000 MOHMS MIN. DIELECTRIC WITHSTANDING VOLTAGE: 1500 Vrms MIN RF HiPOT VOLTAGE: 1000 Vrms MIN @ 5MHz CORONA LEVEL: 375 Vrms @ 70,000 ft RF LEAKAGE: -(90 -f GHz) dB CONTACT REISTANCE CENTER CONNDUCTOR: BEFORE ENVIRONMENTAL: 3.0 Milliohms AFTER ENVIRONMENTAL: 4.0 Milliohms	INTERFACE DIMENSIONS: MIL-STD-348 CONNECTOR DURABILITY: 500 CYCLES CENTER CONTACT RETENTION: 6 LBS MIN AXIAL N/A RADIAL FORCE TO ENGAGE AND DISENGAGE: 2 INCH LBS MAX	TEMP. RANGE: -65 °C TO +165 °C THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST. COND. B MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, INSULATION RESISTANCE AT LEAST 200 MEGOHMS WITHIN 5 MINUTES REMOVAL FROM HUMIDITY. CORROSION: MIL-STD-202, METHOD 101, TEST COND. B VIBRATION: MIL-STD-202, METHOD 204, TEST COND. D SHOCK: MIL-STD-202, METHOD 213, TEST COND. I

FINISH(ES):			TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 / .XXX ±.005 FRACTION ± 1/32 ANGULAR ± 1/2° 1. INTERPRET DRAWING PER ASME Y14.5 - 2018 MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECT- IVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET AFTER PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FRAYED EDGES ON TEFLON. 10.REMOVE ALL BURRS.											
BODY & INSERT: (for CCSF): PASSIVATED PER ASTM A-967, NITRIC 1. (for CC): GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290. CENTER CONDUCTOR: GOLD PLATE PERASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290.			APPLICABLE Amphenol CDI DOCUMENTS <table><tr><th>WORK STANDARD</th><th>PROD INSTRU</th><th>ASSY INSTRU</th></tr><tr><td>NA</td><td>NA</td><td>NA</td></tr></table> 			WORK STANDARD	PROD INSTRU	ASSY INSTRU	NA	NA	NA			
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